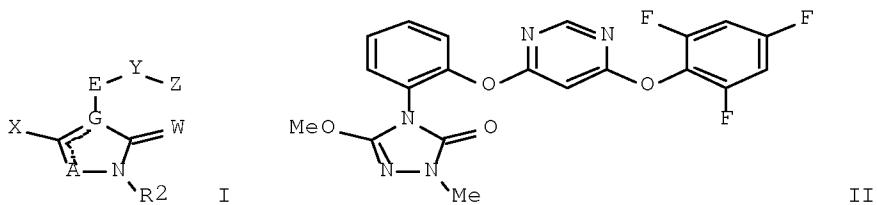


TITLE: Preparation of fungicidal cyclic amides  
 INVENTOR(S): Walker, Michael Paul  
 PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA; Walker, Michael Paul  
 SOURCE: PCT Int. Appl., 60 pp.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9820003	A1	19980514	WO 1997-US17608	19971001 <--
W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, HU, ID, IL, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU			RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG	
IN 1997CA01788	A	20050311	IN 1997-CA1788	19970924 <--
AU 9746603	A	19980529	AU 1997-46603	19971001 <--
EP 937051	A1	19990825	EP 1997-945385	19971001 <--
R: DE, ES, FR, GB, IT				
BR 9712713	A	19991026	BR 1997-12713	19971001 <--
CN 1242767	A	20000126	CN 1997-181160	19971001 <--
JP 2001503424	T	20010313	JP 1998-521383	19971001 <--
ZA 9708958	A	19990407	ZA 1997-8958	19971007 <--
MX 9904066	A	200000131	MX 1999-4066	19990430 <--
KR 2000052948	A	200000825	KR 1999-703821	19990430 <--
PRIORITY APPLN. INFO.:			US 1996-29965P	P 19961101 <--
			WO 1997-US17608	W 19971001 <--

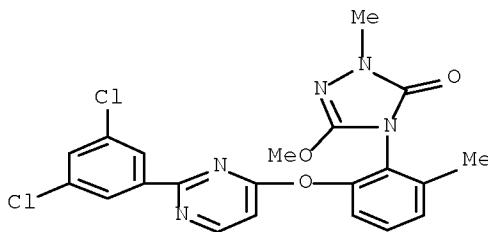
OTHER SOURCE(S): MARPAT 129:4664

ED Entered STN: 30 May 1998  
GI



AB The title compds. [I; E = (un)substituted 1,2-phenylene; A = O, S, N, NR<sub>5</sub>, CR<sub>6</sub>; G = C, N (provided that when G = C, then A = O, S, NR<sub>5</sub> and the floating double bond is attached to G; and when G = N, then A = N, CR<sub>6</sub> and the floating double bond is attached to A); W = O, S, NH, N(C<sub>1-6</sub> alkyl), NO(C<sub>1-6</sub> alkyl); X = OR<sub>1</sub>, S(O)mR<sub>1</sub>, halo; Y = O, S(O)n, NR<sub>7</sub>, etc.; Z = substituted Ph, pyrimidinyl, triazinyl; R<sub>1</sub> = C<sub>1-6</sub> alkyl, C<sub>1-6</sub> haloalkyl, C<sub>2-6</sub> alkenyl, etc.; R<sub>2</sub> = H, C<sub>1-6</sub> alkyl, C<sub>1-6</sub> haloalkyl, etc.; R<sub>5</sub> = H, C<sub>1-6</sub> alkyl, C<sub>1-6</sub> haloalkyl, etc.; R<sub>6</sub> = H, halo, C<sub>1-6</sub> alkyl, etc.], useful for controlling plant diseases caused by fungal plant pathogens, were prepared Thus, 6-step synthesis of the

title compound II, which showed 100% control against Erysiphe graminis f. sp. tritici and Puccinia recondita at 500 g/ha, is described.  
 IC ICM C07D249-12  
 ICS A01N043-653; C07D403-12; A01N043-66; A01N043-707  
 CC 28-19 (Heterocyclic Compounds (More Than One Hetero Atom))  
 Section cross-reference(s): 5  
 IT 207504-17-4P 207504-18-5P 207504-19-6P  
 207504-20-9P 207504-21-0P 207504-22-1P 207504-23-2P 207504-24-3P  
 207504-25-4P 207504-26-5P 207504-27-6P 207504-28-7P 207504-29-8P  
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 207504-75-4P 207504-76-5P 207504-77-6P 207504-78-7P 207504-80-1P  
 207504-82-3P 207504-84-5P 207504-85-6P 207504-86-7P 207504-87-8P  
 207504-88-9P 207504-89-0P 207504-90-3P  
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of fungicidal cyclic amides)  
 IT 207504-17-4P 207504-18-5P  
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of fungicidal cyclic amides)  
 RN 207504-17-4 HCPLUS  
 CN 3H-1,2,4-Triazol-3-one, 4-[2-[(2-(3,5-dichlorophenyl)-4-pyrimidinyl]oxy]-6-methylphenyl]-2,4-dihydro-5-methoxy-2-methyl- (CA INDEX NAME)



RN 207504-18-5 HCPLUS  
 CN 3H-1,2,4-Triazol-3-one, 4-[2-[(2-(3,5-dichlorophenyl)-4-pyrimidinyl]oxy]phenyl]-2,4-dihydro-5-methoxy-2-methyl- (CA INDEX NAME)

